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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Applied Materials, Inc.Application No./Patent No.: 7,339,661 Filed/Issue Date: March 4, 2008Entitled: Illumination System for Optical InspectionApplied Materials, Inc., a Corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest; or
2. ☒ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is 50 %

in the patent application/patent identified above by virtue of either:

- A ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
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3. From: \_\_\_\_\_ To: \_\_\_\_\_  
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☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/Tarek N. Fahmi/

Signature

06/25/2010

Date

Tarek N. Fahmi

Printed or Typed Name

650.798.0320

Telephone Number

Attorney of Record

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO**

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

Practitioners associated with the Customer Number:

**57605**

OR

Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

The address associated with Customer Number:

**57605**

OR

Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone	Email		


Assignee Name and Address:

Applied Materials, Israel, Ltd.  
9 Oppenheimer St.  
Rehovot 76236, Israel

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

**SIGNATURE of Assignee of Record**

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	March 5, 2007
Name	Lijim Lau	Telephone	408-235-6002
Title	Vice President		

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(Name of Assignee)

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/Tarek N. Fahmi/

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06/25/2010

Date

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If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

TO:SUGHRUE MION, PLLC COMPANY:2100 PENNSYLVANIA AVENUE, NW

**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE



\*500470573A\*

FEBRUARY 22, 2008

PTAS

SUGHRUE MION, PLLC  
2100 PENNSYLVANIA AVENUE, NW  
WASHINGTON, DC 20037

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 02/22/2008

REEL/FRAME: 020548/0444

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: Q83511

ASSIGNOR:

KORNGUT, DORON

DOC DATE: 10/18/2004

ASSIGNOR:

ADMONI, EREZ

DOC DATE: 10/21/2004

ASSIGNOR:

KADAR, OFER

DOC DATE: 10/21/2004

ASSIGNOR:

HAIKOVIZ, LEV

DOC DATE: 10/28/2004

ASSIGNOR:

FELDMAN, HAIM

DOC DATE: 10/18/2004

ASSIGNOR:

GUETTA, AVISHAY

DOC DATE: 10/25/2004

TO: SUGHRUE MION, PLLC COMPANY: 2100 PENNSYLVANIA AVENUE, ...

020548/0444 PAGE 2

## ASSIGNEE:

APPLIED MATERIALS, INC.  
P. O. BOX 450A  
SANTA CLARA, CALIFORNIA 95050

## ASSIGNEE:

APPLIED MATERIALS ISRAEL, LTD.  
8 OPPENHEIMER STREET  
REHOVOT, ISRAEL 76236

SERIAL NUMBER: 10511092

PATENT NUMBER: 7339661

TITLE: DARK FIELD INSPECTION SYSTEM

FILING DATE: 04/26/2005

ISSUE DATE: 03/04/2008

ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION

TO: SUGHRUE MION, PLLC COMPANY: 2100 PENNSYLVANIA AVENUE, ...

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.102/22/2008  
500470673

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Doron KORNGUT</td><td>10/18/2004</td></tr><tr><td>Erez ADMONI</td><td>10/21/2004</td></tr><tr><td>Ofer KADAR</td><td>10/21/2004</td></tr><tr><td>Lev HAIKOVIZ</td><td>10/28/2004</td></tr><tr><td>Haim FELDMAN</td><td>10/18/2004</td></tr><tr><td>Avishay GUETTA</td><td>10/25/2004</td></tr></tbody></table>		Name	Execution Date	Doron KORNGUT	10/18/2004	Erez ADMONI	10/21/2004	Ofer KADAR	10/21/2004	Lev HAIKOVIZ	10/28/2004	Haim FELDMAN	10/18/2004	Avishay GUETTA	10/25/2004
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RECEIVING PARTY DATA															
<table border="1"><tr><td>Name:</td><td>APPLIED MATERIALS, INC.</td></tr><tr><td>Street Address:</td><td>P. O. Box 450A</td></tr><tr><td>City:</td><td>Santa Clara</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>95050</td></tr></table>		Name:	APPLIED MATERIALS, INC.	Street Address:	P. O. Box 450A	City:	Santa Clara	State/Country:	CALIFORNIA	Postal Code:	95050				
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PROPERTY NUMBERS Total: 1															
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Property Type	Number														
Application Number:	10511092														
CORRESPONDENCE DATA															
Fax Number: (202)293-7860															
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.															
Phone: 202-293-7060															
Email: sughrue@sughrue.com															

CH \$40.00 10511092

TO: SUGHRUE MION, PLLC COMPANY: 2100 PENNSYLVANIA AVENUE, NW

<b>Correspondent Name:</b> Sughrue Mion, PLLC	
<b>Address Line 1:</b> 2100 Pennsylvania Avenue, NW	
<b>Address Line 4:</b> Washington, DISTRICT OF COLUMBIA 20037	
<b>ATTORNEY DOCKET NUMBER:</b>	Q83511
<b>NAME OF SUBMITTER:</b>	Pavel Pogodin
<b>Total Attachments:</b> 1 source=Q83511#page1.tif	

## Assignment

Whereas, I/We, Doron KORNGUT, Erez ADMONI, Ofer KADAR, Lev HAIKOVIZ, Haim FELDMAN, Avishay GUETTA of 79 Emek Hahula, 71700 Modiin ISRAEL, 71 Menahem Begin St. 99795 Petah-Tikva ISRAEL, 10/2 Itamar ben-avi St. 92348 Jerusalem, ISRAEL, ISRAEL, Baraket 21, 99785 Nof-Ayalon ISRAEL, Bieler 13, 76287 Rehovot ISRAEL, respectively, hereinafter called assignor(s), have invented certain improvements in DARK FIELD INSPECTION SYSTEM and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_; and

Whereas, APPLIED MATERIALS, INC. of P.O. Box 450A Santa Clara, CA, APPLIED MATERIALS ISRAEL, LTD. of 8 Oppenheimer Street 76236 Rehovot ISRAEL, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 10/511,092 and Confirmation number 9605, filed October 14, 2004) the application number and filing date of said application when known.

Date: 21-10-04 21/10/04  
s/Doron KORNGUT

Date: 21/10/04 21/10/04 Erez Admoni  
s/Erez ADMONI

Date: 21-10-04  
s/Ofer KADAR

Date: 28/10/2004  
s/Lev HAIKOVIZ

Date: 10/ oct 2004  
s/Haim FELDMAN

Date: 25/10/04  
s/Avishay GUETTA